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Part Number: **5054731010**
Status: **Active**
Overview: SlimStack Board-to-Board Connectors
Description: SlimStack Board-to-Board Receptacle, 0.40mm Pitch, Battery Series, 0.60mm Mated Height, 2.00mm Mated Width, 10 Circuits, 10.0A

Documents:

3D Model	Packaging Specification 5054739200-200 (PDF)
3D Model (PDF)	Datasheet (PDF)
Drawing (PDF)	Product Guide (PDF)
Product Specification 5054730000-000 (PDF)	RoHS Certificate of Compliance (PDF)
Application Specification 5054730000-A00 (PDF)	Reference Guide (PDF)

General

Product Family	PCB Receptacles
Series	<u>505473</u>
Application	Board-to-Board
Comments	* 10A of current per circuit is applicable if the circuit was constructed by two power pins via a PWB/FPC circuit
Overview	<u>SlimStack Board-to-Board Connectors</u>
Product Name	SlimStack
Series Name	Battery
UPC	889056268882

Physical

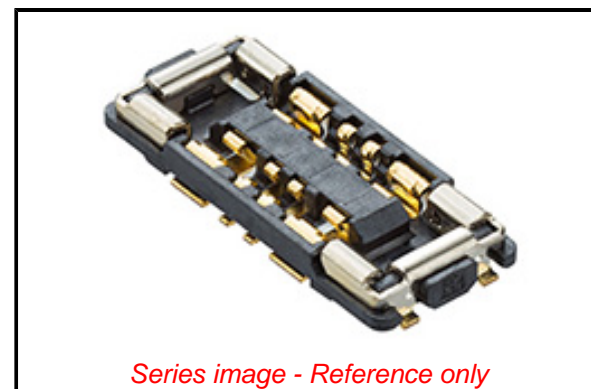
(p)ower-(s)ignal Configuration	4p - 6s
Circuits (Loaded)	10
Circuits (maximum)	10
Color - Resin	Black
Durability (mating cycles max)	10
Glow-Wire Capable	No
Lock to Mating Part	Yes
Mated Height	0.60mm
Mated Width	2.00mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	Liquid Crystal Polymer
Net Weight	11.083/mg
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.40mm
Pitch - Termination Interface	0.40mm
Polarized to Mating Part	No
Polarized to PCB	No
Temperature Range - Operating	-40° to +85°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact	0.5A, 5.0A*
Voltage - Maximum	50V AC (RMS)/DC

Material Info

Reference - Drawing Numbers



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ECHA_01_2020 (16
January 2020

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

505473 Series

Mates With

SlimStack Battery (10.0A) Plug 505476

Application Specification
Packaging Specification
Product Specification
Sales Drawing

5054730000-A00
5054739200-200
5054730000-000
5054730000-000, 5054731000-000

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